

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	§	
Farid Nemati	§	Group Art Unit: Unknown
Kevin Yang	§	
Serial No.: Unknown	§	Examiner: Unknown
Filed: Concurrently Herewith	§	
Title: ADAPTIVE GATE BIAS FOR IMPROVING	§	Atty Docket: 2000.010.00/US
TEMPERATURE STABILITY OF	§	
THYRISTOR-BASED MEMORY	§	

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT


Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR §1.97 (b) (Within three months of filing national application other than a continued prosecution application under §1.53(d); or within three months of the date of entry of the national stage as set forth in §1.491 in an international application; before mailing date of first office action on the merits; or before the mailing of a first Office action after the filing of a request for continued examination under §1.114);
- ☐ under 37 CFR §1.97 (c) (before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application, and it is accompanied by one of:
- (1) ☐ The statement specified in 37 CFR §1.97 (e); or
- (2) ☐ The fee set forth in §1.17(p); or
- ☐ under 37 CFR §1.97 (d) (after the period specified in paragraph (c) of this section, provided that the information disclosure statement is filed on or before payment of the issue fee and is accompanied by:
- (1) The statement specified in 37 CFR §1.97 (e); and
- (2) The fee set forth in §1.17(p).
- ☒ Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,



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PATENT APPLICATION
Attorney Docket No.: 2000.010.00/US

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT FORM PTO-1449 (Modified) (USE AS MANY SHEETS AS NECESSARY)				Complete if Known	
				Application Number	
				Filing Date	
				First Named Inventor Farid Nemati	
				Art Unit	
				Examiner Name	
SHEET 1 OF 2				Attorney Docket Number 2000.010.00/US	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number- Kind Code (if known)			
		US 6,229,161 ✓	05-08-01	Nemati et al.	
		US 6,448,586 ✓	09-10-02	Nemati et al.	
		US 6,462,359 ✓	10-08-02	Nemati et al.	
		US 6,528,356 ✓	03-04-03	Nemati et al.	
		US 5,448,104 ✓	09-05-95	Yallup	
		US-5,627,401 ✓	05-06-97	Yallup	
		US-4,965,872 ✓	10-23-90	Vasudev	
		US-6,492,662 ✓	12-10-02	Hsu, et al.	
		US-6,512,274 ✓	01-28-03	King, et al.	
		US-6,545,297 ✓	04-08-03	Noble, Jr., et al.	
		US-6,552,398 ✓	04-22-03	Hsu, et al.	
		US-6,583,452 ✓	06-24-03	Cho, et al.	
		US-6,611,452 ✓	08-26-03	Han	
		US-6,627,924 ✓	09-30-03	Hsu, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Ts
		Country Code3-Number4 - Kind Code 5 (if known)				

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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				Art Unit	
				Examiner Name	
				Attorney Docket Number	
SHEET	2	OF	2	2000.010.00/US	

OTHER PRIOR ART – LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
		FARID NEMATI et al., U.S. Pat. Appl. Ser. No. 10/706,162, filed Nov. 12, 2003, <i>Thyristor Circuit and Approach for Temperature Stability</i> , assigned to the assignee of the present application. C-028	
		F.NEMATI and J.D. PLUMMER, <i>A Novel High Density, Low Voltage SRAM Cell with a Vertical NDR Device</i> , VLSI Technology Technical Digest, 1998.	
		F.NEMATI and J.D. PLUMMER, <i>A Novel Thyristor-based SRAM Cell (T-RAM) for High-Speed, Low-Voltage, Giga-Scale Memories</i> , International Electron Device Meeting Technical Digest 1999.	
		NATIONAL SCIENTIFIC CORP., <i>TMOS Memory Cell, Breakthrough Technology in SRAM</i> , at http://www.nsclocators.com/images/pdf/IP_tmos-2003.PDF , 2003.	
		R.COLIN JOHNSON, <i>Hybrid Tunnel Diodes Could Leapfrog Moore's Law</i> , EE Times, October 29, 2003, also at www.eetimes.com/at/news/OEG20031029S0015 .	

Examiner Signature		Date Considered	
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